

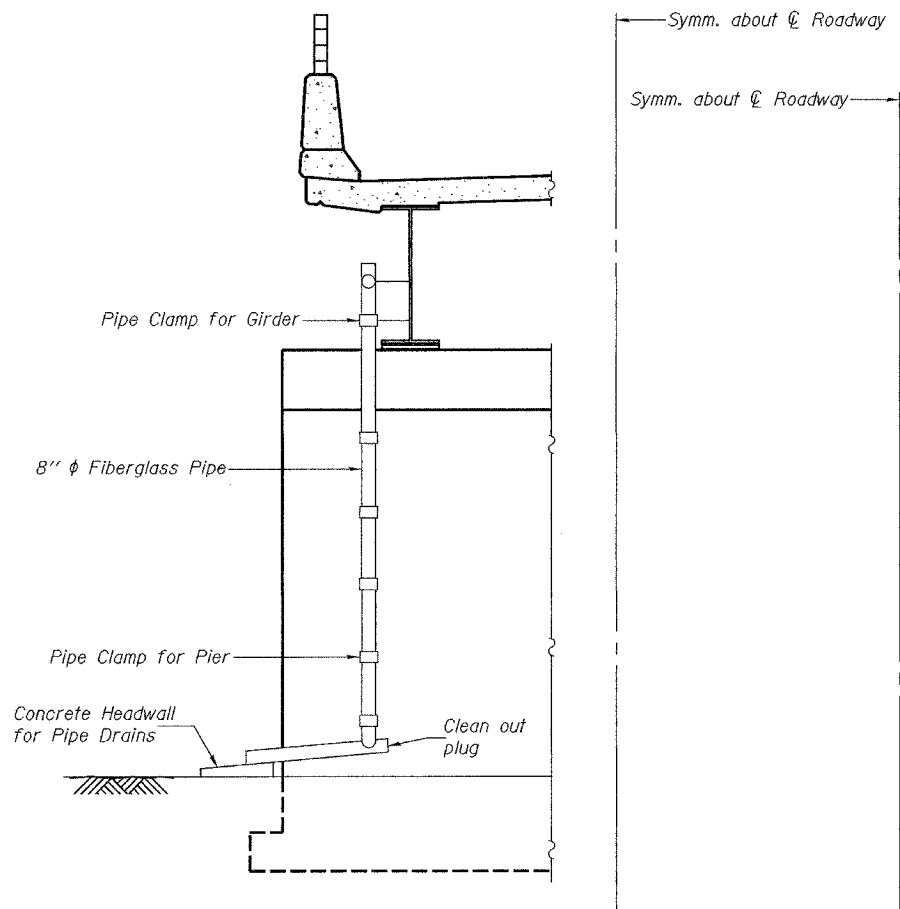
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.U. 9105 (IL.) F.A.U. 5408 (MO.)	119 BR	MADISON	425	179C
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT-		

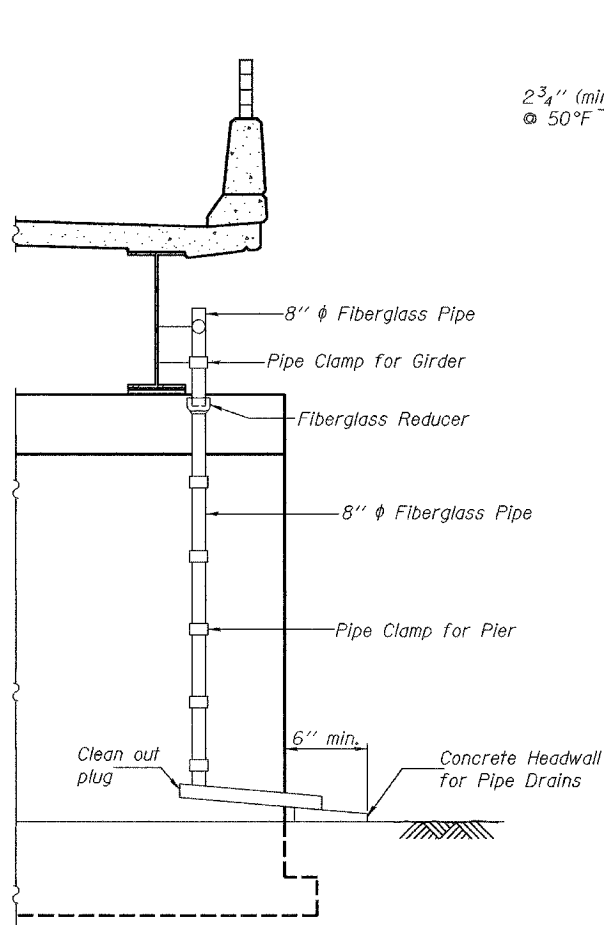
Contract No. 76561

SHEET NO. 127C

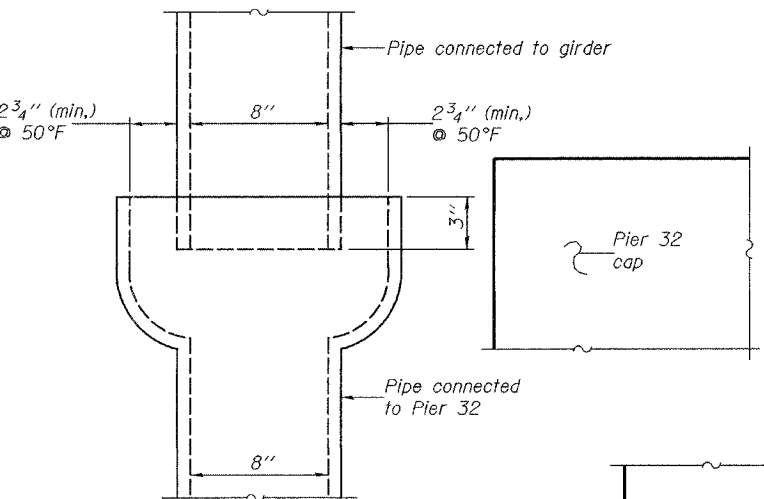
281 SHEETS



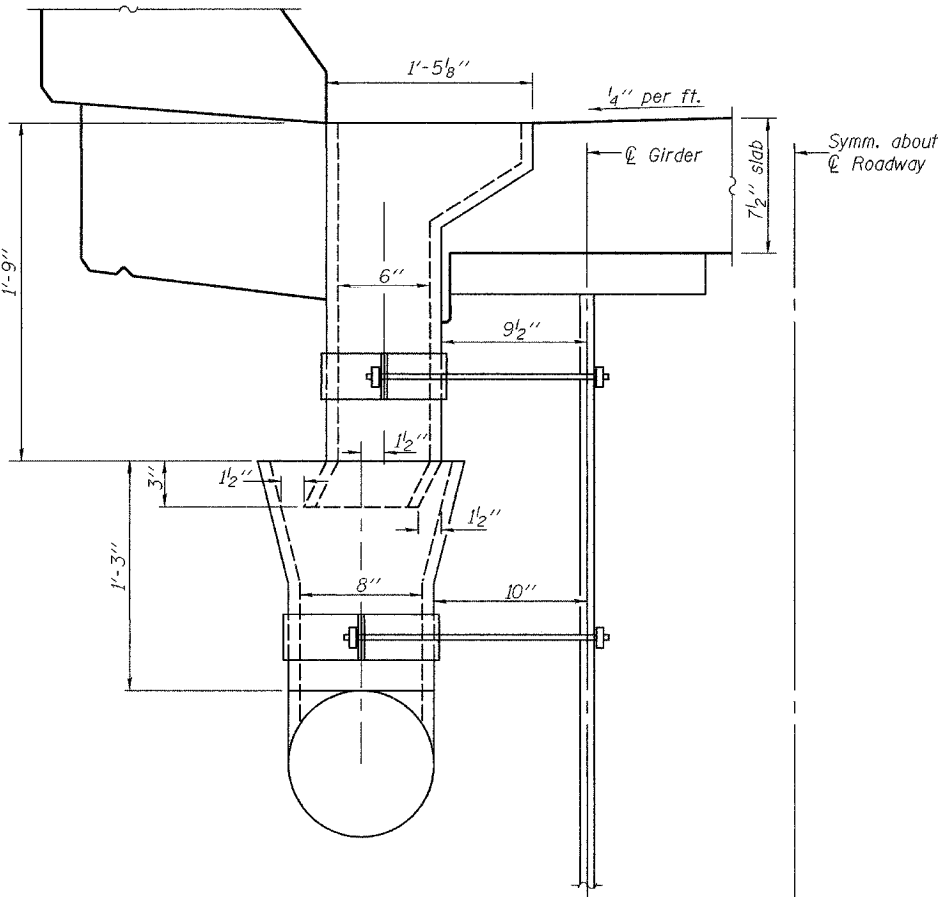
**SECTION B-B THRU PIER 31**  
(Looking West)



**SECTION C-C THRU PIER 32**  
(Looking East)

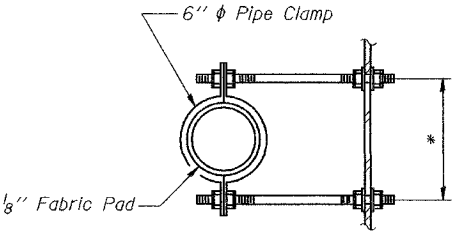


**DETAIL "X"**



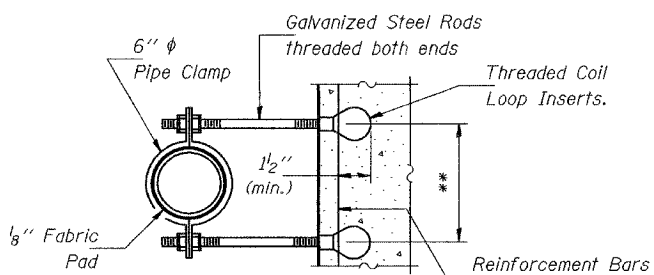
**SECTION A-A**

Notes:  
The exterior surfaces of the furnished Fiberglass Pipe shall be coated or pigmented by the manufacturer with a color that matches the color of concrete.  
Fiberglass Pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 psi minimum. The surface of the Fiberglass Pipe shall be free of bond inhibiting agents.  
The Clamping Device and inserts shall be galvanized according to AASHTO 232.  
Space Pipe Clamp in new construction to miss reinforcement.  
The cost of Pipe, Reducers, Clamps, attachment hardware, Fabric Pad, Concrete Headwall and Installation is included with "Drainage System".



**PIPE CLAMP DETAIL AT GIRDER**

\* Dimension as required by Pipe Clamp.



**PIPE CLAMP DETAIL FOR PIER**

\*\* Dimension as required by Pipe Clamp.

DESIGNED	SEM
CHECKED	CCC
DRAWN	DECKY M. CURRY
CHECKED	SEM & CCC

April 28, 2004  
EXAMINED *Thomas J. Damagala*  
PASSED *Ralph E. Anderson*



EXPIRES 11-30-2004

**DRAINAGE SYSTEM DETAILS**  
F.A.U. RT. 9105 (IL.) F.A.U. RT. 5408 (MO.) SEC. 119BR  
MADISON COUNTY  
STATION 100+00.00  
STRUCTURE NO. 060-6002